Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 03 Apr 2021 until 23:59 on Sunday 04 Apr 2021

Forecast Issued on Saturday 03 Apr 2021 at 02:40

Confidence: High for much colder conditions developing from Monday onwards. Moderate to low for the distribution and intensity of the snow showers.

Headline for Saturday 03 Apr 2021: Rather cloudy at first. Some sunshine in the afternoon.

Mountain weather hazards on Saturday 03 Apr 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Cloudy	Sunny	Sunny	Clear night	Clear night
Precipitation probability					
10%	10%	<05%	00%	00%	00%

Forecast for Saturday 03 Apr 2021

Weather: A fine and dry morning on Saturday, rather cloudy but with breaks soon developing, allowing increasing amounts of sunshine, particularly in western areas. A largely clear but chilly evening.

Chance of cloud free mountain/hill tops above 600m: 70% around dawn but quickly becoming 95% or more.

Visibility: Generally good but mediocre at height initially, with patchy cloud at around 600m, covering summits. Becoming very good all around.

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Forecast for Saturday 03 Apr 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/23 NE	18/24 NE	16/21 NE	13/18 NE	9/11 NE	6/8 SE	8/12 SW
300	12/16 N	13/18 NE	12/16 NE	10/15 NE	6/10 NE	5/6 E	4/5 W
Valley	7/17 N	8/17 NE	8/15 NE	7/14 NE	4/9 NE	2/5 SE	2/5 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-6	1/-5	3/-2	5/1	4/1	4/1	2/-1
300	3/-1	4/-1	6/2	8/5	7/6	5/3	3/2
Valley	4/1	5/2	8/6	10/8	8/7	4/3	2/1
Freezing Level*	500m	600m	800m	1000m	1000m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant wind chill during the morning. UV levels perhaps a tad stronger than those shown in the tables in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 03 Apr 2021	0mm	0mm	0mm

Forecast for Sunday 04 Apr 2021

Weather: Some patchy low cloud at first, mainly in western parts. Another fine and dry day otherwise, with plenty of sunny spells. Becoming increasingly windy and cloudy during the evening, with rain later.

Maximum wind: Westerly 25mph with gusts around 40mph (evening)

Chance of cloud free mountain/hill tops above 600m: Around 50-60% at first. Otherwise close to 100%, with little or no cloud expected below summits.

Visibility: Some reductions in western parts at first, due to patchy low cloud down to 400m, but generally very good all around.

Temperature: **Valleys:** Minus 1 rising to plus 11 or 12 Celsius in east, only plus 8 in west.
At 600m: Zero rising to plus 6 Celsius.
Freezing level: 500m rising above summits later.

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